

OpcDataTypeEncodingAttribute Class

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll

Defines the information about the encoding used for a custom data type which is represented by the [Type](#) on that this attribute is applied.

C#

```
[AttributeUsage(AttributeTargets.Class | AttributeTargets.Struct | AttributeTargets.Enum,
AllowMultiple = true, Inherited = false)]
public class OpcDataTypeEncodingAttribute : Attribute, _Attribute
```

Inheritance [Object](#) > [Attribute](#) > OpcDataTypeEncodingAttribute

Attributes [AttributeUsageAttribute](#)

Implements [InteropServices._Attribute](#)

Constructors

Name	Description
OpcDataTypeEncodingAttribute(Byte)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id to use to identify the according data type encoding node.
OpcDataTypeEncodingAttribute(Byte, Int32)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id and namespaceIndex to use to identify the according data type encoding node.
OpcDataTypeEncodingAttribute(Byte, String)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id and namespaceUri specified to use to identify the according data type encoding node.
OpcDataTypeEncodingAttribute(Int32)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id to use to identify the according data type encoding node.
OpcDataTypeEncodingAttribute(Int32, Int32)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id and namespaceIndex to use to identify the according data type encoding node.
OpcDataTypeEncodingAttribute(Int32, String)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id and namespaceUri specified to use to identify the according data type encoding node.
OpcDataTypeEncodingAttribute(String)	Initializes a new instance of the OpcDataTypeEncodingAttribute class using the id to use to identify the according data type encoding node.

Name	Description
<code>OpcDataTypeEncodingAttribute(String, Int32)</code>	Initializes a new instance of the <code>OpcDataTypeEncodingAttribute</code> class using the <code>id</code> and <code>namespaceIndex</code> to use to identify the according data type encoding node.
<code>OpcDataTypeEncodingAttribute(String, String)</code>	Initializes a new instance of the <code>OpcDataTypeEncodingAttribute</code> class using the <code>id</code> and <code>namespaceUri</code> specified to use to identify the according data type encoding node.
<code>OpcDataTypeEncodingAttribute(UInt32)</code>	Initializes a new instance of the <code>OpcDataTypeEncodingAttribute</code> class using the <code>id</code> to use to identify the according data type encoding node.
<code>OpcDataTypeEncodingAttribute(UInt32, Int32)</code>	Initializes a new instance of the <code>OpcDataTypeEncodingAttribute</code> class using the <code>id</code> and <code>namespaceIndex</code> to use to identify the according data type encoding node.
<code>OpcDataTypeEncodingAttribute(UInt32, String)</code>	Initializes a new instance of the <code>OpcDataTypeEncodingAttribute</code> class using the <code>id</code> and <code>namespaceUri</code> specified to use to identify the according data type encoding node.

Properties

Name	Description
<code>Id</code>	Gets the node identifier used to define the data type encoding node of the <code>Type</code> to that the attribute has been applied.
<code>NamespaceUri</code>	Gets or sets the URI (Uniform Resource Identifier) or string literal used to identify the namespace the encoding of the <code>Type</code> , to that the attribute has been applied, belongs to.
<code>Type</code>	Gets or sets the type of encoding the node, referred to by the <code>Id</code> property of this attribute, represents.

Methods

Name	Description
<code>GetEncoding</code>	Retrieves the <code>OpcEncoding</code> declared by the <code>OpcDataTypeEncodingAttribute</code> .

Table of Contents

Constructors	1
Properties	2
Methods	2

